



Material Safety Data Sheet

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1. Chemical Product and Company Identification

DESCRIPTION: ROSS STIK GLUE STICK
PRODUCT TYPE: SYNTHETIC POLYMER MIXTURE
APPLICATION: FOR PRODUCT CODES SEE SECTION 16

• Manufacturer/Supplier Information

MSDS Prepared by:
Elmer's Products, Inc.
1000 Kingsmill Parkway
Columbus, OH 43229
Emergency Phone Number
Poison Control Center
1-800-228-5635 ext 22
For additional health, safety or regulatory information, call 614-225-7695.
Call 1-800-848-9400 to place an order or request additional MSDSs.

2. Composition, Information on Ingredients

The ingredients listed below have been associated with one or more immediate and/or delayed(*) health hazards. Risk of damage and effects depends upon duration and level of exposure. BEFORE USING, HANDLING, OR EXPOSURE TO THESE INGREDIENTS, READ AND UNDERSTAND THE MSDS.

105-60-2 *Caprolactam	% by weight 1-5
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3. Hazards Identification

3.1 Emergency Overview

Appearance	White semi-solid, dries clear
Odor	Slight
CAUTION!	
Not a significant fire hazard.	
May be harmful if swallowed.	
Causes eye irritation.	
May cause irritation of nose, throat and lungs if allowed to become airborne.	

• HMIS Rating

HEALTH = 2 (moderate)
FLAMMABILITY = 0 (minimal)
REACTIVITY = 0 (minimal)
CHRONIC = *

3.2 Potential Health Effects

• Immediate Hazards

INGESTION: May be harmful if swallowed.
Can cause convulsions, respiratory stimulation and
circulatory depression.
INHALATION: Not expected to be harmful under normal conditions of
use. However, if allowed to become airborne, may cause
irritation of nose, throat and lungs.
SKIN: May cause irritation on prolonged or repeated contact.
EYES: Causes irritation.

• Delayed Hazards

Caprolactam 105-60-2
Can cause kidney damage.
-- See Footnote C.
Footnote C: As of the date of issuance of this document, this
material has not been listed by NTP, classified by IARC nor regulated
by OSHA as a carcinogen.

4. First Aid Measures

INGESTION: If accidentally swallowed, dilute by drinking large
quantities of water. Immediately contact poison control
center or hospital emergency room for any other
additional treatment directions.
INHALATION: Remove to fresh air.
SKIN: In case of irritation, flush with water.
EYES: Immediately flush eyes with plenty of water for at
least 15 minutes. Eyelids should be held apart during
irrigation to insure water contact with entire surface of
eyes and lids. Call a physician.

5. Fire Fighting Measures

Autoignition Temperature Not available
Upper/Lower Flammable Limits Not applicable
Up/Lower Explosive Limits, % by Vol Not applicable
Flash Point Not applicable
Will not burn unless water has evaporated. Dried material may
burn.
In case of fire, water should be used to keep fire-exposed
containers cool.

6. Accidental Release Measures

Sweep (scoop) up and remove to a chemical disposal area. Prevent entry into natural bodies of water.

7. Handling and Storage

7.1 Handling

Handle in accordance with good industrial hygiene and safety practices. These practices include avoiding unnecessary exposure and removal of the material from eyes, skin and clothing. Wash thoroughly after handling. Always use appropriate Personal Protective Equipment (PPE).
INHALATION: Avoid prolonged or repeated breathing of dust or vapor.
SKIN: Avoid prolonged or repeated contact with skin and clothing.
EYES: Avoid contact with eyes.

7.2 Storage

Keep from freezing.
Store in a cool, dry place.
Keep containers tightly closed.

8. Exposure Controls/Personal Protection

8.1 Exposure Controls

ENGINEERING CONTROLS: The following exposure control techniques may be used to effectively minimize employee exposure: local exhaust ventilation, enclosed system design, process isolation and remote control in combination with appropriate use of personal protective equipment and prudent work practices. These techniques may not necessarily address all issues pertaining to your operations. We, therefore, recommend that you consult with experts of your choice to determine whether or not your programs are adequate. If airborne contaminants are generated when the material is heated or handled, sufficient ventilation in volume and air flow patterns should be provided to keep air contaminant concentration levels below acceptable criteria.

8.2 Personal Protection

Where air contaminants can exceed acceptable criteria, use NIOSH/MSHA approved respiratory protection equipment. Respirators should be selected based on the form and concentration of contaminants in air in accordance with OSHA laws and regulations or other applicable standards or guidelines, including ANSI standards regarding respiratory protection. Use goggles if contact is likely. Wear impervious gloves as required to prevent skin contact.